




## ADpave at Roberts Bakery in Northwich



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### Case study

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A new car park at the Roberts Bakery in Northwich, Cheshire, is a major application for the ADpave clip-together paving system from ADP Surface Solutions. The car park forms part of major site re-development works being undertaken at the family-owned bakery. The new car park will provide parking for some 130 cars. It consists of 1800 square metres of the ADpave system providing the parking bays, surrounded by Tarmac access roads and raised pavements. Lichfield-based [Lorien Engineering Solutions](#) has overall responsibility for the Roberts Bakery re-development project and worked with ADP on the design of the car park. "Sustainability and environmental compliance are at the forefront of our design philosophy," explained Lorien's Project Engineer Phil Colquhoun. "For these reasons, we decided on a gravel retention system for the parking bays and, following trials, we opted for the ADpave 40." "Drainage from the parking bays was an important consideration for Lorien and the ADpave system, which complies fully with SUDS guidelines, has been designed to form part of an integrated water management system for the Roberts Bakery site." "The ADpave system has provided a very low-cost, quality solution that met all our criteria. The fact that the system is produced from recycled plastic was a bonus," said Phil Colquhoun. The actual system consists of ADP GeoGrid 30 laid over the sub-soil, with a low-fines sub-base consolidated above this. The ADpave pavers, which are manufactured from recycled polyethylene, were then installed and backfilled with washed gravel. "Another advantage of using ADP was that, through their sister company WhitemossEco, they were able to supply the 230 tonnes of washed, 10mm granite gravel we needed for the backfilling," said Phil Colquhoun.

### Key data

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